

MAINTENANCE OF TRAFFIC NOTES

ITEM 614 - MAINTAINING TRAFFIC

ALL CONSTRUCTION TRAFFIC CONTROL DEVICES USED FOR THIS PROJECT SHALL CONFORM TO THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, HEREINAFTER REFERRED TO AS THE MANUAL, AND SHALL BE FURNISHED, ERECTED, MAINTAINED, RELOCATED AND REMOVED BY THE CONTRACTOR.

THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY SAFEGUARDS, SUCH AS BARRICADES, LIGHTING, FLAGGERS, PLASTIC DRUMS, FLASHING ARROW PANELS AND SUCH OTHER TRAFFIC CONTROL DEVICES AS PROVIDED IN ITEM 614, MAINTAINING TRAFFIC, SO AS TO AVOID DAMAGE AND/OR INJURY TO VEHICLES AND PERSONS USING THE ROADWAY DURING CONSTRUCTION. WHENEVER THE ENGINEER DEEMS IT NECESSARY, HE MAY DIRECT THAT ADDITIONAL OR ALTERNATIVE DEVICES BE USED. ALSO, THE CONTRACTOR SHALL PROVIDE SUFFICIENT ADDITIONAL BARRICADES, ETC. TO PROTECT THE FRESH PAVEMENT DURING THE CURING PERIOD FROM VEHICLES WHICH MAY DRIVE AROUND OR THROUGH THE TRAFFIC CONTROL.

TRAFFIC CONTROL DEVICES SHALL BE SET UP PRIOR TO THE START OF CONSTRUCTION AND SHALL BE PROPERLY MAINTAINED DURING THE TIME SUCH SPECIAL CONDITIONS EXIST. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS THEY ARE NEEDED AND SHALL BE IMMEDIATELY REMOVED THEREAFTER. WHERE OPERATIONS ARE PERFORMED IN PHASES, THERE SHALL BE IN PLACE ONLY THOSE DEVICES THAT APPLY TO THE CONDITION PRESENT DURING THE PHASE-IN PROGRESS. ALL SIGNS WITH MESSAGES WHICH DO NOT APPLY DURING A CERTAIN PERIOD SHALL BE COVERED OR SET ASIDE OUT OF THE VIEW OF TRAFFIC. CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED IN ACCORDANCE WITH SECTION 641.134 OF THE OHIO SPECIFICATIONS BEFORE ANY SECTION OF ROADWAY IS MADE AVAILABLE TO USE BY TRAFFIC.

ALL PERMANENT AND TEMPORARY PAVEMENT MARKINGS ARE TO BE MAINTAINED THROUGHOUT THE PROJECT. ANY DAMAGED OR FADED PAVEMENT MARKINGS SHALL BE CORRECTED WITHIN EIGHT HOURS AFTER THE CONTRACTOR'S NOTIFICATION OF THE PROBLEM. IF WEATHER IS NOT CONDUSIVE TO PAVEMENT MARKING INSTALLATION THEN REPAIRS SHALL BE MADE ON THE FIRST WEATHER PERMISSIVE DAY AFTER NOTIFICATION.

ALL EXISTING LANES SHALL BE OPENED AND MAINTAINED DURING NON-WORKING HOURS. STEEL PLATES SHALL BE USED TO PROTECT FRESH PAVEMENT IN STORM SEWER REPLACEMENT AREAS.

NO STOPPAGE OF TRAFFIC, ESTABLISHMENT OF LANE RESTRICTIONS OR CHANGE OF TRAFFIC PATTERNS SHALL OCCUR WITHOUT LAW ENFORCEMENT OFFICER(S) WITH PATROL CAR(S) AT EACH LOCATION TO DIRECT TRAFFIC UNLESS OTHERWISE APPROVED BY THE ENGINEER.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 APPLICABLE SECTIONS OF THE SPECIFICATIONS AS WELL AS THE MANUAL. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS OTHERWISE SEPARATELY ITEMIZED IN THE PLANS.

ADVANCE WARNING SIGNS

ALL ADVANCE WARNING SIGNS FOR ANY CONDITION WHICH RESTRICTS TRAFFIC SHALL BE ERECTED BEFORE ANY SUCH RESTRICTION IS PUT INTO EFFECT. ALL SUCH SIGNS SHALL BE COVERED OR REMOVED FROM THE VIEW OF TRAFFIC WHENEVER THEY ARE NOT APPLICABLE.

FAILURE TO COMPLY

FOR ANY FAILURE TO COMPLY WITH PROVISIONS FOR TRAFFIC CONTROL SET OUT IN THESE PLANS AND NOTES OR WITH THE PROVISIONS OF THE MANUAL, THE HIGHWAY IN THE VICINITY OF THE WORK AREA SHALL BE CONSIDERED IN A CONDITION UNACCEPTABLE FOR THE SAFETY AND CONVENIENT USE BY THE TRAVELLING PUBLIC. ANY FAILURE TO KEEP THE HIGHWAY IN THE VICINITY OF THE WORKING AREA IN A CONDITION ACCEPTABLE FOR THE SAFE AND CONVENIENT USE BY THE TRAVELLING PUBLIC SHALL BE CONSIDERED A BREACH OF THIS CONTRACT. WORK SHALL BE SUSPENDED UNTIL THE CONTRACTOR COMPLIES WITH THE PROVISIONS OF THE AFOREMENTIONED ITEMS. THERE SHALL BE NO ADDITIONAL PAYMENTS TO THE CONTRACTOR FOR DOWNTIME OR DELAY AS A RESULT OF SUCH SUSPENSION.

MATERIALS FOR MAINTAINING TRAFFIC

SIGNS

SIGN DIMENSION AND SPECIFICATIONS, INCLUDING LETTER SIZES, SHALL BE AS PROVIDED IN THE MANUAL OR SIGN DESIGN DRAWINGS PROVIDED IN THESE PLANS. THE SIGNS SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER PRIOR TO THE START OF THE PROJECT. ALL COST FOR INSTALLING, MAINTAINING AND SUBSEQUENT REMOVAL OF SAID SIGNS SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614 - MAINTAINING TRAFFIC.

SIGN SUPPORTS

SIGN SUPPORTS SHALL BE OF SUFFICIENT SIZES AND HEIGHT TO SUPPORT THE SIGNS AT THE HEIGHT INDICATED IN THE MANUAL. SUPPORTS SHALL ALSO BE ADEQUATE IN MASS AND STABILITY TO PREVENT SIGNS FROM BEING BLOWN OVER BY WIND OR VEHICULAR-GENERATED AIR TURBULENCE. ALL COSTS FOR INSTALLING, MAINTAINING AND SUBSEQUENT REMOVAL OF SAID SIGNS SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614 - MAINTAINING TRAFFIC.

RELOCATION OF EXISTING GROUND MOUNTED AND/OR POLE MOUNTED TRAFFIC SIGNS

ALL EXISTING GROUND MOUNTED AND/OR POLE MOUNTED TRAFFIC SIGNS SHALL BE REMOVED AND RELOCATED AT THEIR EXISTING LOCATION WITH APPROPRIATE OFFSET FROM THE EDGE OF THE NEW PAVEMENT AND IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND ODOT ITEM 603, UNLESS DIRECTED OTHERWISE BY THE ENGINEER, DESIGNATED OR DETAILED ON THE PLANS. THE EXISTING GUIDE SIGN ASSEMBLYS AND GROUND POSTS SHALL BE CAREFULLY REMOVED AND STORED FOR REUSE. THE EXISTING TRAFFIC CONTROL SIGN ASSEMBLYS AND GROUND POSTS SHALL BE RELOCATED AS REQUIRED AND MAINTAINED THROUGHOUT THE CONSTRUCTION OF THE PROJECT. ANY UNSALVAGEABLE MATERIALS AS DETERMINED BY THE ENGINEER SAHLL BE DISPOSED OF AND REPLACED WITH MATERIALS MEETING THE REQUIREMENTS OF ODOT ITEM 630.

THE ABOVE WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND PAYMENT FOR ALL LABOR, MATERIALS AND EQUIPMENT TO PROPERLY REMOVE AND RELOCATE THE EXISTING GROUND MOUNTED AND POLE MOUNTED TRAFFIC SIGNS AND SHALL BE INCLUDED IN THE UNIT PRICES BID FOR OTHER ITEMS.

TEMPORARY PAVEMENT MARKINGS

THE ROADWAY SHALL NOT BE OPENED TO TRAFFIC UNTIL EITHER THE PERMANENT OR TEMPORARY PAVEMENT MARKINGS ARE IN PLACE. THE FOLLOWING TEMPORARY PAVEMENT MARKINGS HAVE BEEN PROVIDED FOR USE AS DIRECTED BY THE ENGINEER FOR PLACEMENT AFTER PAVEMENT PLANING OPERATIONS:

- ITEM 614 - TEMPORARY CENTERLINE (DOUBLE, SOLID), CLASS 1, 642 PAINT 0.4 MILES
- ITEM 614 - TEMPORARY LANE LINE, CLASS 1, 642 PAINT 0.6 MILES
- ITEM 614 - TEMPORARY STOP LINE, CLASS 1, 642 PAINT 186 L.F.

NOTIFICATION

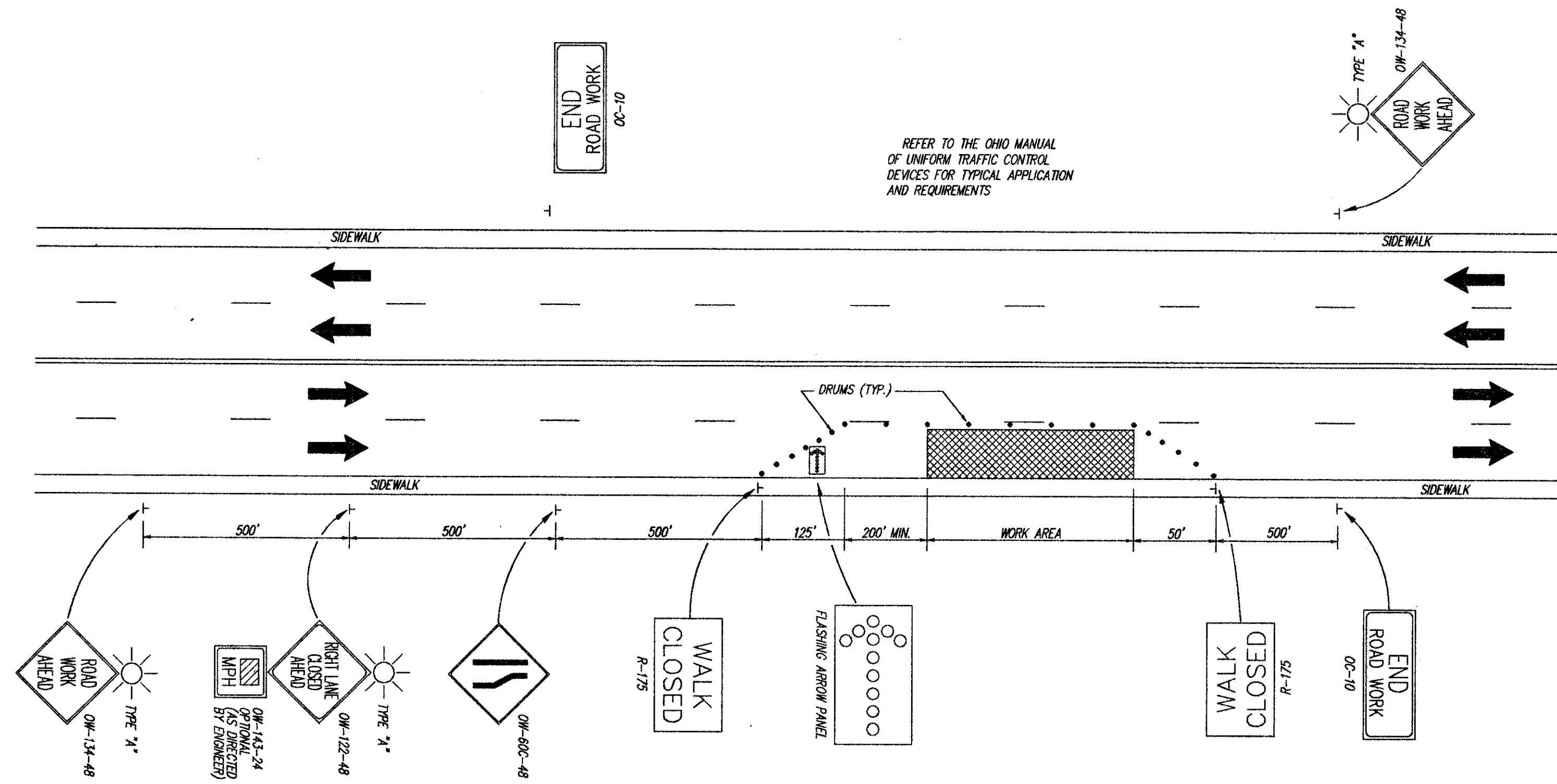
THE CITIES OF WILLOWICK AND EASTLAKE POLICE, FIRE AND SERVICE DEPARTMENTS, AS WELL AS THE CITY ENGINEERS SHALL BE NOTIFIED IN WRITING AT LEAST ONE (1) WEEK PRIOR TO THE ACTUAL START OF CONSTRUCTION.

CITY OF WILLOWICK:

- CITY OF WILLOWICK POLICE DEPARTMENT:
JOHN GERM, CHIEF 585-1234
- CITY OF WILLOWICK FIRE DEPARTMENT
HARLEY RUDERSDORF, CHIEF 585-1202
- CITY OF WILLOWICK ENGINEER
DAVID R. HOOPS, P.E. 951-9000
- CITY OF WILLOWICK SERVICE DEPARTMENT
THOM EVANS, DIRECTOR 585-0963

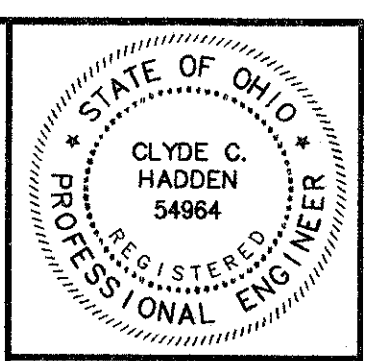
CITY OF EASTLAKE:

- CITY OF EASTLAKE POLICE DEPARTMENT:
JOHN RUTH, CHIEF 951-1400
- CITY OF EASTLAKE FIRE DEPARTMENT
RICHARD SABO, CHIEF 951-2135
- CITY OF EASTLAKE ENGINEER
STEVEN L. GUARD, P.E. 951-9000
- CITY OF EASTLAKE SERVICE DEPARTMENT
BERT HUFFMAN, DIRECTOR 951-1416



1. THE TAPER LENGTH SHALL BE IN ACCORDANCE WITH SECTION 7E-17 OF THE ODOTCD. NOT LESS THAN THIRTEEN (13) DRUMS SHALL BE USED TO FORM THE LANE TRANSITION TAPER IN ADVANCE OF THE WORK AREA. DRUMS SHALL BE SPACED AT APPROXIMATELY 50' TO 60' CENTER TO CENTER FOR THE FIRST 1000 FEET OF THE WORK AREA AND AT A MAXIMUM OF 100 TO 120 FEET FOR THE BALANCE OF THE WORK AREA. DRUMS ON THE RETURN TAPER SHALL BE SPACED AT 10' CENTER TO CENTER. CONES MAY BE SUBSTITUTED FOR DRUMS FOR SHORT TERM LANE CLOSURES. CONES SHALL BE REFLECTORIZED, DELINEATED OR INTERNALLY ILLUMINATED FOR SHORT TERM NIGHT LANE CLOSURES.
2. TYPE C STEADY BURNING BARRICADE WARNING LIGHTS SHALL BE ERECTED ON DRUMS FOR NIGHT LANE CLOSURES. THE MAXIMUM SPACING SHALL BE IDENTICAL TO THE SPACING REQUIREMENTS DESCRIBED IN NOTE 1.
3. TYPE A FLASHING BARRICADE WARNING LIGHTS SHOWN ON THE "ROAD WORK AHEAD" AND THE "RIGHT LANE CLOSED AHEAD" SIGNS ARE REQUIRED WHENEVER A NIGHT LANE CLOSURE IS NECESSARY.
4. WHEN USED, THE FLASHING ARROW PANEL SHALL MEET THE REQUIREMENTS CONTAINED IN SECTION 7C-8, ODOTCD.
5. THE "SIDEWALK CLOSED" SIGNS SHALL BE ERECTED AT EACH END OF THE TAPERS WHENEVER THE SIDEWALK IS UNPASSABLE DUE TO CONSTRUCTION OPERATIONS, OR AS DIRECTED BY THE ENGINEER.
6. "SIDEWALK CLOSED AHEAD" SIGNS SHALL BE ERECTED AT THE NEAREST CROSSWALKS AT EACH END OF THE TAPERS WHENEVER THE SIDEWALK IS UNPASSABLE DUE TO CONSTRUCTION OR AS DIRECTED BY THE ENGINEER.

CLOSING RIGHT LANE OF A MULTILANE UNDIVIDED HIGHWAY



SUBMISSIONS / REVISIONS	

VINE STREET (S.R. 640) ROADWAY WIDENING IMPROVEMENTS
CITIES OF WILLOWICK & EASTLAKE, LAKE COUNTY, OHIO
MAINTENANCE OF TRAFFIC NOTES



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